

## Plants: Increasing the Numbers

Fill in the blanks:

1. Plants supply us with life giving \_\_\_\_\_.
2. Grams, peas and beans have \_\_\_\_\_ seeds.
3. Wheat, maize and rice have \_\_\_\_\_ seeds.
4. Water makes the seed coat \_\_\_\_\_ which helps the baby plant to break the seed and come out.
5. \_\_\_\_\_ is needed for the cells of the seed to become active.
6. Potato is a \_\_\_\_\_ which grows underground and has buds called \_\_\_\_\_.
7. \_\_\_\_\_ and \_\_\_\_\_ are plants whose roots can grow into a new plant.
8. The leaves of \_\_\_\_\_ can grow into a new plant.
9. Vegetables like \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ grow during winters.
10. \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ grow during summers.
11. \_\_\_\_\_ and \_\_\_\_\_ grows in clayey soil.
12. \_\_\_\_\_ and \_\_\_\_\_ grows in sandy soil.
13. Black soil found around \_\_\_\_\_ is good for \_\_\_\_\_.
14. Tea plants grow in \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_; and need \_\_\_\_\_ soil.
15. Coconut trees grows in the coastal areas of \_\_\_\_\_ and \_\_\_\_\_.
16. Onion and ground nut need \_\_\_\_\_ and \_\_\_\_\_ kind of soil.
17. Manure is added to the soil to increase \_\_\_\_\_.
18. Rabi crops grow from \_\_\_\_\_ to \_\_\_\_\_.
19. Kharif crops grow from \_\_\_\_\_ to \_\_\_\_\_.
20. After harvesting, grains need to be protected against \_\_\_\_\_.

Define:

a. Monocot seeds with examples- \_\_\_\_\_

\_\_\_\_\_

b. Dicot seeds with examples- \_\_\_\_\_

\_\_\_\_\_

c. Germination- \_\_\_\_\_

d. Dispersal of seeds- \_\_\_\_\_

e. Crops- \_\_\_\_\_

f. Kharif crops- \_\_\_\_\_

g. Rabi crops- \_\_\_\_\_

h. Agriculture- \_\_\_\_\_

i. Irrigation- \_\_\_\_\_

j. Pesticide- \_\_\_\_\_

k. Insecticide- \_\_\_\_\_

Short questions:

1. Why are plants useful to us?

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2. Why do plants produce so many seeds?

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3. What does a seed need to germinate?

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4. Name the agents of dispersal of seeds with an example of each agent.

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5. How can we protect crops from pests and insects?

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6. Why all baby plants do not grow near the parent plant?

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e. Seeds which are dispersed by animals

f. Bryophyllum leaf with new plants

## Answers of Living Science Grade 5

Tick the correct answer-

1. A seed with two seed leaves is called a – dicot seed.
2. Right soil, warmth, enough air, and water are necessary conditions for the growth of - seeds.
3. New plants can grow from the leaves of – bryophyllum.
4. Which feature helps a coconut fruit to float in water. – Fibrous outer covering.
5. Plants that need clayey soil to grow well are- rice and jute.
6. Insecticides and pesticides protect crops from being destroyed by – pests.

Fill in the blanks-

1. Maize has one seed leaf.
2. Any part of a potato that has eyebud on it can grow into a new plant.
3. In India, crops like wheat and gram are grown from November to April, and are called rabi crops.
4. Onion and ginger need well-drained sandy soil.
5. Plants help to reduce soil erosion.

Complete the series-

1. Mango : seed :: sweet potato : root
2. Hiptage: wind :: peas :explosion
3. Cabbage : winter :: mango : summer
4. Rice : clayey soil :: cotton : black soil
5. Maize : dry soil :: wheat : sandy soil

If you were a gardener, which part of a plant you would plant to grow a new

1. Rice plant? Seed.
2. Rose plant? Stem.
3. Ginger plant? Root.
4. Onion plant? Root.
5. Sweet potato plant? Root.
6. Bryophyllum plant? Leaves.